

2019-20 NC Check-In 2
Grade 4 Mathematics
State Item Statistics

	Content Standard		Item #	Depth of Knowledge	Percent Correct by Item
Numbers and Operations Base Ten	4.NBT.2	Read and write multi-digit whole numbers up to and including 100,000 using numerals, number names, and expanded form.	3	Recall	87.4
			15^	Recall	82.0
			17^	Recall	83.7
			20^	Recall	79.0
			24^	Strategic Thinking	48.5
	4.NBT.4	Add and subtract multi-digit whole numbers up to and including 100,000 using the standard algorithm with place value understanding.	2	Skill/Concept	73.1
			7	Recall	81.5
			10	Recall	67.7
			14^	Recall	78.0
			22^	Recall	78.2
	4.NBT.5	Multiply a whole number of up to three digits by a one-digit whole number and multiply up to two two-digit numbers with place value understanding using area models, partial products, and the properties of operations. Use models to make connections and develop the algorithm.	1	Recall	75.5
			8	Recall	67.0
			11	Strategic Thinking	59.9
			12	Recall	43.8
			23^	Skill/Concept	77.9
	4.NBT.6	Find whole-number quotients and remainders with up to three-digit dividends and one-digit divisors with place value understanding using rectangular arrays, area models, repeated subtraction, partial quotients, properties of operations, and/or the relationship between multiplication and division.	5	Skill/Concept	41.5
			9	Recall	78.5
			18^	Skill/Concept	38.6
			21^	Skill/Concept	63.8
			25^		61.4
	4.NBT.7	Compare two multi-digit numbers up to and including 100,000 based on the values of the digits in each place, using >, =, and < symbols to record the results of comparisons.	4	Skill/Concept	38.8
			6	Skill/Concept	39.3
			13	Recall	75.1
			16^	Recall	87.9
			19^	Skill/Concept	67.5

^ Students had access to a calculator when completing items marked with a ^.

Note: Results from NC Check-Ins should not be compared across interims, districts, or the state.

Each math Grade 4 NC Check-In assesses different content standards.